

NEWTOWN PARK LAKE DREDGING

BID FORM

Unit Price Bid information is to be included for the items listed below. The quantities shown are estimates only and may not reflect actual quantities to be used for this project. The CONTRACTOR will be paid for the actual materials installed/removed. These items shall include all costs necessary to perform the work.

Please complete all Item Schedules.

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Est. Units</u>	<u>Unit Price Bid Total</u>
90	Mobilization/ Demobilization	LUMP	LS	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>
100	Relocation of Existing Fish to Shakerag Park, if necessary	LUMP	LS	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>
200	Silt Fence Type Non-Sensitive, Incl. Maint. & Removal (As Directed)	LF	100	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>
300	Silt Fence Type Sensitive, Incl. Maint. & Removal (As Directed)	LF	100	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>
400	Straw Bale Check Dam, Incl. Maint. & Removal	EA	4	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>
500	Rock Filter Dam, Incl. Maint. & Removal	EA	1	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>
600	Rip Rap Outlet Protection, Type 3	SY	12	<div><div></div><div>Dollars and Cents</div><div></div></div> <div>(Unit Price in Words)</div>

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Est. Units</u>	<u>Unit Price Bid Total</u>
700	Plastic Filter Fabirc	SY	12	<div><div></div><div>Dollars and Cents</div><div>(Unit Price in Words)</div></div>
800	Sediment Removal by Hydraulic Dredging, Incl. Pump, Pipe, etc.	CY	700	<div><div></div><div>Dollars and Cents</div><div>(Unit Price in Words)</div></div>
900	Geotube(s) for Sediment Dewatering	LUMP	LS	<div><div></div><div>Dollars and Cents</div><div>(Unit Price in Words)</div></div>
1000	Stone Sediment Barrier at Geotube, Incl. Temporary Pipe	LUMP	LS	<div><div></div><div>Dollars and Cents</div><div>(Unit Price in Words)</div></div>
1100	Stone Filter Ring at Lake Outlet Structure	EA	1	<div><div></div><div>Dollars and Cents</div><div>(Unit Price in Words)</div></div>
1200	Site Clean-Up and Final Stabilization	LUMP	LS	<div><div></div><div>Dollars and Cents</div><div>(Unit Price in Words)</div></div>

BID SUMMARY

All construction shall conform to the CONTRACT DOCUMENTS. Owner reserves the right to use/not use the Bid listed below.

TOTAL UNIT PRICE BID: NEWTOWN PARK LAKE DREDGING

\$ _____
(Price)

\$ _____
(Price in Words)

NOTE: Amounts shall be shown in words and figures; the amount written in words shall take precedence.

END OF SECTION

SECTION 01025

MEASUREMENT AND PAYMENT

PART 1 GENERAL

1.01 SCOPE OF WORK

- A. This Section describes the methods by which measurement will be made of the quantities for which payment will be made for the PROJECT.
- B. The project is to be bid as one (1) contract.

1.02 MEASUREMENT OF WORK

- A. WORK shall be measured by the ENGINEER or his representative, with assistance from the CONTRACTOR prior to preparation of a payment request by the CONTRACTOR.
- B. Unit quantities that are measured in place shall be measured monthly. The CONTRACTOR shall give the ENGINEER a minimum of two days notice for making all required measurements.
- C. Materials that must be measured as delivered shall be measured at the time of delivery by the ENGINEER or his representative; the CONTRACTOR shall provide sufficient advance notice so that such measurements can be made.
- D. WORK completed shall be measured for completion against the schedule of values provided by the CONTRACTOR in accordance with the General Conditions. Related work necessary for a complete and operational job not specifically identified as a pay item shall be included in the unit price bid. No additional payments will be made for such activities.

1.03 PROGRESS PAYMENTS

- A. Progress payments shall be based on the quantity of units installed.
- B. All items of WORK not specifically listed in the Bid Schedule shall be considered incidental to the construction, and the cost of all such work and material shall be included in the prices bid for various items listed.
- C. All items listed for measurement and payment shall include all machinery, plant, materials and labor, etc., to successfully and satisfactorily complete WORK specified.
- D. Payment: The CONTRACTOR will receive payment only for the items listed in the Bid Schedule of his contract, and no separate payments will be made for the work under any section of the CONTRACT DOCUMENTS except as provided for in the Bid Form. Where measurements are required to be made by the ENGINEER, for the payment of a pay item, the failure of the CONTRACTOR to give the adequate notification or failure of the CONTRACTOR to give the ENGINEER assistance for the measurement shall result in the forfeiture of payment for the work or item which was not measured.
- E. WORK to be paid for as a "Lump Sum" shall be measured for completion against the "Schedule of Values" provided by the CONTRACTOR. The "Schedule of Values" shall be submitted at the preconstruction conference and shall include quantities and prices of

items aggregating the total "Lump Sum" and will subdivide the work into component parts in sufficient detail to serve as the basis for progress payments during construction.

1.04 REFERENCES

- A. Manual for Erosion and Sediment Control in Georgia, Sixth Edition, 2014, by the Georgia Soil and Water Conservation Commission.
- B. Standard Specifications, Construction of Transportation Systems, 2013 Edition - Department of Transportation, State of Georgia, will be used for items of work not covered by these specifications or not shown on the drawings.

PART 2 PRODUCTS

2.01 STORED MATERIALS

- A. Partial payment shall be made for approved materials stored at the project site, provided invoices for said materials are furnished in accordance with payment request submittal.

PART 3 EXECUTION

3.0 MOBILIZATION

- A. Mobilization shall include mobilization and demobilization of the CONTRACTOR and all necessary equipment to perform the work. The payment breakdown will be 50% for mobilization and 50% for demobilization, unless otherwise approved by the OWNER. "Loading" the bid or bidding an out-of-balance amount for this item will not be allowed.

3.1 EROSION CONTROL ITEMS

- A. The basis of payment for each item shall be unit price to include all labor, equipment and materials necessary to provide temporary and permanent erosion control, including maintenance and removal, throughout this contract based on the CONTRACTOR's proposed staging of work. Erosion control items to be used shall be as specified in the "Manual for Erosion and Sediment Control in Georgia" with emphasis on Best Management Practices.

3.2 LAKE DREDGING AND DISPOSAL

- A. Lake dredging will be paid for excavating, removing, pumping, etc. dredged material from the lake to the identified disposal area on-site. The use of geotubes or geobags is required at the location shown on the approved construction plans. Routing of slurry pipeline shall be as shown on the approved construction plans. No routing of pipeline on existing trails will be allowed. This item will be paid by the cubic yard of material removed.
- B. Determination of material removed will be by pre and post topographic survey provided by the OWNER unless alternates are agreed by the CONTRACTOR and OWNER prior to beginning the work. Pre-dredge topographic survey is included in the approved construction plans.
- C. The CONTRACTOR is required to obtain all U.S. Army Corps of Engineers (CORPS) approvals prior to beginning work. Copy of approval must be provided to OWNER.

- D. Time is of the essence. The project shall be completed at the earliest possible date per the contract documents.

3.3 GEOTUBES OR GEOBAGS

- A. The basis of payment shall be Lump Sum to include all labor, equipment and materials necessary to provide geotubes or geobags for dewatering. Geotubes or geobags to be used shall be as recommended by the manufacturer and manufactured by TenCate or approved equal.

3.4 SITE CLEAN-UP AND FINAL STABILIZATION

- A. Ingress and egress into the construction site shall utilize the existing paved (asphalt) trail from Brumbelow Road. The contractor shall minimize disturbance to surrounding areas to only that necessary to complete the work. Any damage to existing park property not recognized by the OWNER prior to beginning construction shall be repaired to the satisfaction of the OWNER at the CONTRACTOR's expense.
- B. The CONTRACTOR **is not** responsible for providing final grassing for the project. Final grassing will be provided by the OWNER.
- C. The CONTRACTOR **is not** responsible for removal of geotube/geobag and disposal of sediment. This will be performed by the OWNER.
- D. Encroachment or crossing of the existing State Waters Buffer around the lake shall be approved by the City of Johns Creek. In general, the crossing shall be as close to perpendicular as possible with no land disturbance within the buffer area. This may require the use of mats to cross the buffer during construction and removal once construction is complete.
- E. There **will not** be a Stream Buffer Variance obtained from the OWNER for this work; therefore, strict adherence to City of Johns Creek requirements will be required.
- F. Clean up work areas by removing any scraps, rubbish or surplus material and dispose of them properly off the project site.
- G. Wash and hose down paved surfaces to remove all mud, debris, and other extraneous material, just prior to final review. When cleaning, maintain compliance with all permits, including Erosion, Sediment and Pollution Control and Best Management Practices.
- H. Payment for items required under this section and not included in the Bid Form shall be considered incidental to the construction, and the cost of all such work and material shall be included in the prices bid for various items listed.
- I. Project will be complete upon final acceptance by the OWNER.

END OF SECTION